WILLIAMS
SUPERIOR DROP-FORGED TOOLS

"VULCAN" STANDARD and "XTRA-STRONG" CHAINS

Proof-Tested and Certified

Williams' "Vulcan" Flat Chains are furnished in two types, as follows:—

Standard are the same as supplied for over forty years.

"Xtra-Strong" are approximately 40% stronger than Standard, with which they are interchangeable, size for size.

Standard Chains will be furnished, unless otherwise specified.

To insure superior service, each individual Flat Chain is "proof-tested" on a standard tension machine to two-thirds of its listed breaking strain.

Each chain so tested is stamped O on the drop-forged, alloy steel swinging-link and to it is attached a gray leaden seal, bearing our trade mark Ⓦ as illustrated above. Every Flat Chain leaving our works **must** bear this mark and seal as evidence that it has passed our standardized proof-tests.

Look for this Mark of Proof, for it is Proof of Quality—it guarantees uninterrupted, dependable service as well as safety to the operator.

Williams' Chain Tongs offer **proved and certified** assurance of strength and security. Why trust a less trusty tool?

A-354 5M 9-39 PRINTED IN U. S. A.

WILLIAMS
SUPERIOR DROP-FORGED TOOLS

VULCAN SUPERIOR PIPE AND FITTINGS TONGS

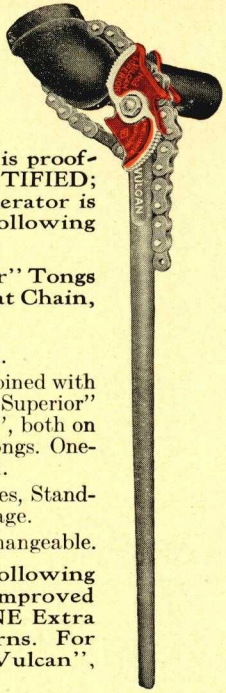
THE BEST PIPE WRENCH MADE
also
Especially Well Adapted to Fittings

FITTED WITH EITHER
STANDARD OR "XTRA-STRONG" CHAIN

J. H. WILLIAMS & CO.
"The Wrench People"
225 LAFAYETTE ST. NEW YORK
Works: Buffalo, N. Y.
Western Warehouse and Sales Office:
117 N. Jefferson St., Chicago

With Cable Chain

With Flat Chain

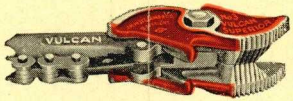


WILLIAMS' "VULCAN SUPERIOR"

Drop-Forged

PIPE AND FITTINGS TONGS

Patented



A UNIVERSAL Service Tongs for both pipe and fittings—TWO tools in ONE.

The ONLY Chain Tongs with REVERSIBLE pipe and fittings jaws—DOUBLE Service.

"V" Recess in the jaws assures quick and positive grip on fittings.

Each Flat Chain is proof-tested and is CERTIFIED; safety for the operator is assured. See following page.

"Vulcan Superior" Tongs take EITHER Flat Chain, or Cable Chain.

WILLIAMS' "Vulcan Superior" are the handiest Tongs made. Pipe-fitters will appreciate their convenience and economy.

Convenience: Since they serve BOTH pipe and fittings, two tools as commonly used (one for pipe and one for fittings) are unnecessary.

Economy: Their REVERSIBLE jaws give double life. When the teeth dull, remove the bolt and turn the jaws end-for-end.

The "V" Recess in the jaws, combined with their general design, gives "Vulcan Superior" a greater number of grips or "bites", both on pipe and fittings, than ordinary tongs. One-spot wear on the teeth is prevented.

Flat Chains are supplied in 2 types, Standard and "Xtra-Strong"; see next page.

Fully guaranteed. All parts interchangeable.

***Williams' EXTRA Flat Chains are INTERCHANGEABLE on all the following "VULCAN" Tongs; Vulcan Superior, Vulcan, Vulcan Boll-Weevil and Improved Vulcan. This is of great convenience to distributors and users since ONE Extra chain of a given size will care for similar sizes in FOUR "Vulcan" patterns. For instance, the SAME Extra Chain serves Nos. 3 "Vulcan Superior", 13 "Vulcan", 23 "Vulcan Boll-Weevil" and 33 "Improved Vulcan" Tongs.**

Number	0	1	2	3	3–1/2	4	5
For Pipe and Fittings, inches	1/8 to 3/4	1/8 to 1-1/2	1/4 to 2-1/2	3/4 to 4	1 to 6	1-1/2 to 8	2 to 12
Extreme Length	13–3/4	20	27	37	44–1/2	50–1/2	64–1/2
Weight, lbs.	2	5–1/2	10	17	26	34	54
***Flat Standard Chain,** Breaking strain, lbs.	3,600	6,700	9,800	12,500	14,300	15,700	21,800
Cable Chain, Breaking strain, lbs.	1,800	6,000	9,000	12,500	14,300	15,700	21,800
Price, Tong with Standard Chain	**$5.00**	**$7.00**	**$10.00**	**$14.00**	**$18.00**	**$22.00**	**$36.00**
Standard Chain, only	1.50	2.00	3.00	5.00	7.00	9.00	15.00
†Extra Jaws, per pair	2.00	3.50	5.50	8.00	9.50	11.00	15.00
Extra Bolt and Nut, per set	.28	.36	.46	.60	.70	.90	1.30
***Flat "Xtra-Strong" Chain,** Number	X0	X1	X2	X3	X3-1/2	X4	X5
Breaking strain, lbs.	5,070	9,400	13,800	17,600	20,100	22,000	31,000
Price, "Xtra-Strong" Chain, only	**$1.65**	**$2.20**	**$3.30**	**$5.50**	**$7.70**	**$9.90**	**$16.50**
Tong with "Xtra-Strong" Chain	5.15	7.20	10.30	14.50	18.70	22.90	37.50

† Extra Jaws supplied in pairs unless otherwise called for. If only a single jaw is wanted, specify Right or Left.

An attractive discount is given from list prices shown; see your jobber.